

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend the claims as follows:

1. (Currently Amended) Process for the preparation of storage-stable, multiple emulsions of the water/oil/water (W/O/W) type which comprise one or more active ingredients with the steps
 - a) stirring the active ingredient into an aqueous phase comprising a substance selected from the group consisting of boric acid, phosphoric acid, N-2-(acetamido)-2-aminoethanesulphonic acid, N-2-(acetamido)-2-iminodiacetic acid, alanine, 2-amino-2-methyl-1,3-propanediol, ammonia, N,N-bis(2-hydroxyethyl)-2-aminoethanesulphonic acid, N,N-bis(2-hydroxyethyl)glycine, 2,2-bis(hydroxyethyl)iminotris(hydroxymethyl)methane, 2-(cyclohexylamino)ethanesulphonic acid, 3-[4-(2-hydroxyethyl)1-piperazinyl]-propanesulphonic acid, histidine, imidazole, lactic acid, 2-morpholinoethane-sulphonic acid, 2-morpholinopropanesulphonic acid, piperazine-1,4-bis(2-ethane-sulphonic acid), N[tris(hydroxymethyl)methyl]-2-aminoethanesulphonic acid, N-[tris(hydroxymethyl)methyl]glycine, triethanolamine, tris(hydroxymethyl)amino-methane, 2-[4-(2-hydroxyethyl)piperazin-1-yl]ethanesulfonic acid, and citric acid,

b) emulsifying the aqueous phase by passing the aqueous phase through a largepored, porous membrane into an oil phase comprising a mineral oil, white oil, or vegetable oil, wherein the aqueous and oil phases are heated to a temperature of from 30°C to 35°C before said emulsification, and

c) phase inversion of the heated emulsion from b), by cooling the mixture at a cooling rate of at least 0.3 K/min, where ~~an~~ a non-ionic emulsifier is added ~~either to the aqueous phase in a) or to the oil phase in b) or to both phases.~~

2. (Currently Amended) Process according to Claim 1, ~~characterized in that~~ wherein the membrane-used is a porous inorganic membrane.

3. (Currently Amended) Process according to Claim 1, wherein ~~the pore size of the membrane-used is~~ has a pore size of 0.2 to 5 µm.

4-6. (Cancelled)

7. (Original) Process according to Claim 1, wherein the phase inversion according to step c) is carried out at a cooling rate of at least 1 K/min.

8. (Previously Presented) Process according to Claim 1, wherein the pressure difference over the membrane is $0.5 \cdot 10^5 \text{ Pa}$ to $25 \cdot 10^5 \text{ Pa}$.

9. (Previously Presented) Process according to Claim 1, wherein the process is carried out continuously in all steps.

10. (Currently Amended) Process according to Claim 1, wherein the active ingredient is a ~~pharmaceutical~~ pharmaceutically active ingredient.
11. (Previously Presented) Process according to claim 10, wherein the active ingredient comprises an antigen or a preparation which comprises a peptide chain.
12. (Withdrawn) Multiple emulsion of the W/O/W type obtainable from a process according to Claim 1.
13. (Cancelled)
14. (Previously Presented) Process according to Claim 1, wherein said membrane is a ceramic membrane.
15. (Currently Amended) Process according to Claim 14, wherein said ceramic membrane comprises aluminum oxide, zirconium oxide and/or titanium oxide.
16. (Previously Presented) Process according to Claim 1, wherein the pore size of the membrane is 0.3 to 3 μm .
17. (Previously Presented) Process according to Claim 10, wherein said active ingredient comprises an active ingredient for veterinary purposes.
18. (Previously Presented) Process according to Claim 10, wherein said active ingredient comprises an antigen for vaccine formulation.
19. (Previously Presented) Process according to Claim 11, wherein said antigen comprises a virus or a microorganism and said peptide chain comprises a protein or a glycoprotein.

20. (Previously Presented) Process according to Claim 10, wherein the active ingredient comprises at least one of the bacterium, a parasite, a glycoprotein which has been obtained from a microorganism, a synthetic peptide, and/or a protein or peptide which has been prepared by genetic manipulation.
21. (New) Process according to Claim 1, wherein the pressure difference over the membrane is $0.5 \cdot 10^5 \text{ Pa}$ to $5 \cdot 10^5 \text{ Pa}$.
22. (New) Process according to Claim 1, wherein the aqueous phase comprises 2-[4-(2-hydroxyethyl)piperazin-1-yl]ethanesulfonic acid.
23. (New) Process according to Claim 1, wherein the oil phase comprises mineral oil.
24. (New) Process according to Claim 1, wherein the non-ionic emulsifier comprises triethylamine.